

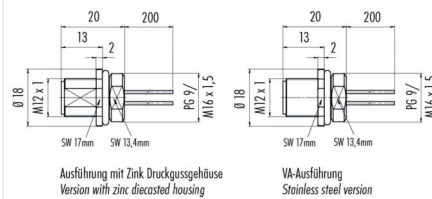
Product description **Polzahl: 8, Flanschstecker mit Litzen, 0,25 mm², PG 9 VA**

Area **M12-A Series 713/763**
Order number **76 2131 0111 00008-0200**

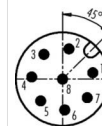
Illustration



Scale drawing



Contact arrangement



	X	Y
1	2,69	0,57
2	0,57	2,69
3	-1,66	2,20
4	-2,75	0,19
5	-1,94	-1,94
6	0,19	-2,74
7	2,20	-1,65
8	0,00	0,00

- 1 weiß/white
- 2 braun/brown
- 3 grün/green
- 4 gelb/yellow
- 5 grau/grey
- 6 rosa/pink
- 7 blau/blue
- 8 rot/red

Geschirmte Versionen: Schirm auf Gehäuse oder Pin 8
Shielded versions: shield on housing or pin 8

You can find the assembly instructions on the next page.

Technical data

General values

Connector design male panel mount connector
Connector locking system bolted
Termination single wires UL 1007/1569
Wire gauge (mm) 0,25 mm²
Wire gauge (AWG) (24)
Upper limit temperature 85 °C
Lower limit temperature -40 °C

Cable data

Approval 1 UL

Electrical values

Rated voltage 30 V
Rated impulse voltage 800 V
Pollution degree 3
Overvoltage category II
Insulating material group III
Rated current (40 °C) 1,5A (2A UL)
Volume resistivity ≤ 3 mΩ
EMC compliance not shielded
Degree of protection IP68
Mechanical operation > 100 Mating cycles

Material

Contact material CuZn (Messing)
Contact plating Au (gold)
Contact body material PA
Housing material Edelstahl

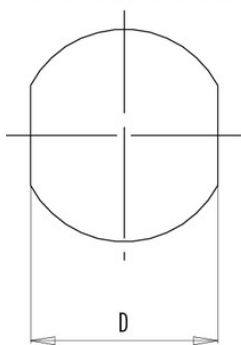
Product description **Polzahl: 8, Flanschstecker mit Litzen, 0,25 mm², PG 9 VA**

Area **M12-A Series 713/763**
 Order number **76 2131 0111 00008-0200**

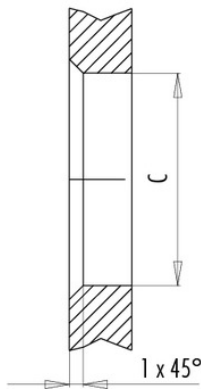
Assembly instructions / Panel cut-out

Mit Fläche als Verdrehschutz
 With flats as anti-rotation device

PG 9/M16 x 1,5/M20 x 1,5

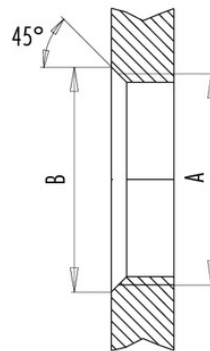


Mit Durchgangsbohrung
 With bore hole



alternativ/alternativ

Mit Gewinde, einschraubbar
 With thread to screw in



	A	B	C	D
PG 9	PG 9	16,2	15,3	13,5
PG 13,5	PG 13,5	21,5	20,5	—
M16x1,5	M16x1,5	17,0	16,1	13,5
M20x1,5	M20x1,5	21,0	20,1	—

Anzugsdrehmoment/Tightening torque

Metallgehäuse/Metal housing 6,25 Nm
 Kunststoffgehäuse/Plastic housing 3,75 Nm

Product description **Polzahl: 8, Flanschstecker mit Litzen, 0,25 mm², PG 9 VA**

Area **M12-A Series 713/763**

Order number **76 2131 0111 00008-0200**

Sicherheitshinweise

2. The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.
6. Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.